

Amendments of the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for use in a recording system for reducing cut-offs when programs are recorded, the method comprising:

receiving at the user equipment a user selection of a first program to record;

predicting by the user equipment a first time change associated with the selected first program by retrieving from memory a second time change associated with a second program, wherein the ~~predicted time change is based on time selected first program is of changes for previous programs that have subject-matter~~ a program type similar to ~~subject-matter~~ a program type of the ~~selected~~ second program; and

recording by the user equipment the selected first program to compensate for a time change based on the predicted first time change.

2. (Currently Amended) The method of claim 1 wherein the predicted first time change comprises predicted time delay information.

3-4. (Canceled)

5. (Previously presented) The method of claim 2 wherein the predicted time delay information is based on previously logged time changes.

6. (Currently Amended) The method of claim 1 further comprising displaying a predicted time delay information for the selected first program.

7. (Currently Amended) The method of claim 1 wherein the predicted first time change comprises predicted time extension information.

8-9. (Canceled)

10. (Previously Presented) The method of claim 7 wherein the predicted time extension information is based on previously logged time changes.

11. (Currently Amended) The method of claim 1 further comprising displaying a predicted time extension information for the selected first program.

12. (Original) The method of claim 1 further comprising providing a user with an opportunity to select a recording start time.

13. (Original) The method of claim 1 further comprising automatically selecting the recording start time.

14. (Original) The method of claim 13 further comprising providing a user with an opportunity to select to have automatic selection of the recording start time.

15. (Original) The method of claim 1 further comprising providing a user with an opportunity to select a recording end time.

16. (Original) The method of claim 1 further comprising automatically selecting the recording end time.

17. (Original) The method of claim 16 further comprising providing a user with an opportunity to select to have automatic selection of the recording end time.

18-23. (Canceled)

24. (Currently Amended) The method of claim 1 further comprising displaying an icon in a program listing for the selected first program to indicate that the predicted first time change is available.

25. (Currently Amended) The method of claim 1 further comprising displaying an icon in a program listing for the selected first program that indicates that the selected first program is to be recorded.

26. (Currently Amended) The method of claim 1 further comprising trimming a recording time of the selected first program or an adjacent program to reduce the cut-off in a program recording.

27. (Currently Amended) The method of claim 26 wherein trimming the recording time comprises trimming based on

a confidence level in time change information for the selected first program and the adjacent program.

28. (Currently Amended) The method of claim 27 wherein trimming comprises trimming a time changed recording time of the selected program when time change information for the selected first program has a lower confidence level than the adjacent program.

29. (Currently Amended) User recording equipment that reduces cut-offs when programs are recorded, the user recording equipment comprising:

control circuitry that is configured to:

receive a user selection of a first program to record; and

predict a first time change associated with the selected first program by retrieving from memory a second time change associated with a second program, wherein the ~~predicted time change is based on time~~ selected first program is of a changes for previous programs that have subject matter program type similar to subject-matter a program type of the selected second program; and

a media recording device that is responsive to the control circuitry and that is configured to record the selected first program to compensate for a time change based on the predicted first time change.

30. (Currently Amended) The user recording equipment of claim 29 wherein the predicted first time change comprises predicted time delay information.

31-32. (Canceled)

33. (Previously presented) The user recording equipment of claim 30 wherein the predicted time delay information is based on previously logged time changes.

34. (Currently amended) The user recording equipment of claim 29 wherein the control circuitry displays a predicted time delay information for the selected first program.

35. (Currently amended) The user recording equipment of claim 29 wherein the predicted first time change comprises predicted time extension information.

36-37. (Canceled)

38. (Previously presented) The user recording equipment of claim 35 wherein the predicted time extension information is based on previously logged time changes.

39. (Currently amended) The user recording equipment of claim 29 wherein the control circuitry displays the predicted time change information for the selected first program.

40. (Previously presented) The user recording equipment of claim 29 wherein the control circuitry provides a user with an opportunity to select a recording start time to compensate for the time change.

41. (Previously presented) The user recording equipment of claim 29 wherein the control circuitry automatically selects a recording start time to compensate for the time change.

42. (Previously presented) The user recording equipment of claim 41 wherein the user recording equipment is configured to provide the user with an opportunity to select to have the control circuitry automatically select a recording start time.

43. (Previously presented) The user recording equipment of claim 29 wherein the control circuitry provides the user with an opportunity to select a recording end time to compensate for the time change.

44. (Previously presented) The user recording equipment of claim 29 wherein the control circuitry automatically selects a recording end time to compensate for the time change.

45. (Previously presented) The user recording equipment of claim 44 wherein the user recording equipment is configured to provide the user with an opportunity to select to have the control circuitry automatically select the recording end time.

46-51. (Canceled)

52. (Currently amended) The user recording equipment of claim 29 wherein the control circuitry displays an icon in a program listing for the selected first program to indicate that predicted first time change information is available.

53. (Currently amended) The user recording equipment of claim 29 wherein the control circuitry displays an icon in a program listing for the selected first program that indicates that the selected first program is to be recorded.

54. (Currently amended) The user recording equipment of claim 29 wherein the control circuitry is configured to trim the recording time of the selected first program or an adjacent program to reduce the cut-off in a program recording.

55. (Currently amended) The user recording equipment of claim 54 wherein the control circuitry is configured to trim the recording based on a confidence level in time change information for the selected first program and the adjacent program.

56. (Currently amended) The user recording equipment of claim 55 wherein the control circuitry is configured to trim a time change recording time of the ~~selected~~ first program when time change information for the ~~selected~~ first program has a lower confidence level than the adjacent program.

57. (Currently amended) The method of claim 1 further comprising allowing the user to change the predicted first time change.

58. (Currently amended) The user recording equipment of claim 29 wherein the control circuitry allows the user to change the predicted first time change information.

59. (Currently amended) The method of claim 1, wherein the predicted first time change is based on time changes for previous programs that were ~~are~~ scheduled to be broadcast on the same channel ~~and at the same time~~ as the selected first program.

60. (Currently amended) The method of claim 1, wherein the predicted first time change is based on time changes for previous programs that ~~have titles are the same as~~ similar to a title of the selected first program.

61. (Currently amended) The method of claim 1, further comprising:

receiving the second ~~a first~~ program from a media provider, wherein the second ~~first~~ program is associated with a particular broadcast time interval;

detecting a change in the broadcast time interval of the second ~~first~~ program; and

storing the change in the broadcast time interval of the second ~~first~~ program in memory in response to detecting the change.

62. (Currently amended) The method of claim 61, further comprising:

determining whether the second ~~first~~ program is related to the selected first program; and

retrieving change in the broadcast time interval of the second ~~first~~ program from memory in response to determining that the second ~~first~~ program is related to the selected first program, wherein the predicted first time change associated with the selected first program is based on the retrieved change in the broadcast time interval of the second ~~first~~ program.

63. (Currently amended) The method of claim 61, wherein the broadcast time interval of the second ~~first~~ program includes a start time and an end time.

64. (Currently amended) The user recording equipment of claim 29, wherein the predicted first time change is based on time changes for previous programs that were ~~are~~ scheduled to be broadcast on the same channel ~~and at the same time~~ as the selected first program.

65. (Currently amended) The user recording equipment of claim 29, wherein the predicted first time change is based on time changes for previous programs that ~~have titles~~ are the same as ~~similar to a title of~~ the selected first program.

66. (Currently amended) The user recording equipment of claim 29, wherein the control circuitry is further configured to:

receive the second ~~a-first~~ program from a media provider, wherein the second ~~first~~ program is associated with a particular broadcast time interval;

detect a change in the broadcast time interval of the second ~~first~~ program; and

store the change in the broadcast time interval of the second ~~first~~ program in memory in response to detecting the change.

67. (Currently amended) The user recording equipment of claim 66, wherein the control circuitry is further configured to:

determine whether the second ~~first~~ program is related to the selected first program; and

retrieve change in the broadcast time interval of the second ~~first~~ program from memory in response to determining that the second ~~first~~ program is related to the first selected program, wherein the predicted first time change associated with the selected first program is based on the retrieved change in the broadcast time interval of the second ~~first~~ program.

68. (Currently amended) The user recording equipment of claim 66, wherein the broadcast time interval of the second ~~first~~ program includes a start time and an end time.

69. (New) The method of claim 1, wherein the predicted first time change is predicted before any part of the selected first program is recorded.

70. (New) The user recording equipment of claim 29, wherein the predicted first time change is predicted before the selected first program is recorded.

71. (New) The method of claim 1 further comprising:
displaying a prompt to inform the user about the predicted first time change associated with the selected first program; and

receiving indication from the user that instructs the user equipment to compensate for the time change based on the predicted first time change.

72. (New) The user recording equipment of claim 29 further comprising, wherein the control circuitry is further configured to:

display a prompt to inform the user about the predicted first time change associated with the selected first program; and

receive indication from the user that instructs the user equipment to compensate for the time change based on the predicted first time change.